

ABSTRACT OF THE DISCLOSURE

An optical disc drive 1 of the present invention includes a spindle motor 11 for rotating the optical disc 2, a spindle driver for driving the spindle motor 11 equipped with rotation number measuring means 232 for measuring the rotation number of the spindle motor 11, brake means for braking the spindle motor 11 to reduce the rotation number thereof, which includes at least three types of brake modes, and selecting means for selecting one of the at least three types of brake modes in response to the rotation number measured by the rotation number measuring means 232 when the rotation number of the spindle motor 11 is to be reduced. The optical disc drive 1 may further includes judging means for judging whether the rotation number of spindle motor 11 measured by the rotation number measuring means 232 reaches a predetermined target rotation number when the rotation of the optical disc 2 is to be stopped by the spindle motor 11. In this case, the application of the braking means is completed when the judging means judges that the rotation number of the spindle motor 11 reaches the predetermined target rotation number.